

US PATENT DOCUMENTS							
Examiner initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate	
	US-2002/0140108	10/03/2002	Johnson, EričiA.	257	778	03/30/2001	
<b>d</b>	US-2002/0185724	12/12/2002	Forthun, John A., et al.	257	686	07/24/2002	
10	US-2002/0195270	12/26/2002	Okubora, Akihiko, et al.	174	260	08/22/2002	
8	US-2003/0000736	01/02/2003	Sathe, Ajit V.	174	255	06/29/2001	
'n	US-5,724,230	03/03/1998	Poetzinger, Steven E.	361	758	06/21/1996	
02	US-5,898,571	04/27/1999	Mertol, Atila	361	704	04/28/1997	
12/	US-5,990,418	11/23/1999	Bivona, Kevin G., et al.	174	52.4	07/29/1997	
08/	US-6,037,193	03/14/2000	Interrante, Mario J., et al.	438	122	01/31/1997	
2	US-6,191,360	02/20/2001	Tao, Su, et al.	174	52.4	04/26/1999	
id	US-6,191,478	02/20/2001	Chen, K. H.	257	718	06/07/1999	
3	US-6,201,301	03/13/2001	Hoang, Lan H.	257	712	01/21/1998	
B	US-6,242,279	06/05/2001	Ho, Chung W., et al.	438	106	06/14/1999	
<b>1</b>	US-6,246,115	06/12/2001	Tang, T., et al.	257	706	10/21/1999	
0/	US-6,271,058	08/07/2001	Yoshida, Yuichi	438	108	01/06/1999	
8	US-6,338,985	01/15/2002	Greenwood, Jonathon G.	438	126	02/04/2000	

FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²				
Ø.	DE-19623826	12/18/1997	Huber, Michael, et al.	H01L	21/58					
R/	DE-4332115	03/23/1995	Karch, Martin, et al.	H05K	7/20	7				
0	EP-0865082	09/16/1998	Shibamoto, Masanori, et al.	H01L	23/40					

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	7			
· DE	<b>—</b>	"Method of Heat Sinking an Array of Discrete Electronic Packages", Kenneth Mason Publications, Hampshire, GB, No. 342, Research disclosure, XP — 000326724, (October 1, 1992), p. 803				
		30				

RECEIVED

DEC 31 2003

CHNOLOGY CENTER 2800

EXAMINER Nutri Porulch DATE CONSIDERED 03/06/04